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U.S. Partment of Commerce Patent and Trademark Office

Atty Docket 0756-2297

Serial No. 09/837,558

INFORMATION DISCLOSURE STATEMENT

Applicants: Shunpei YAMAZAKI et al.

Filing Date: April 19, 2001

Group Art Unit: 2811

U.S. PATENT DOCUMENTS

niner	Document Number	Date	Name	Class	Subclass	Filing Date (If appropriate)
M	5,315,132	05/24/1994	Yamazaki			
1	5,463,483	10/31/1995	Yamazaki			
++-	5,485,019	01/16/1996	Yamazaki et al.			
++-	5,521,107	05/28/1996	Yamazaki et al.		XC,	
++-	5,532,850	07/02/1996	Someya et al.		1	
	5,621,224	04/15/1997	Yamazaki et al.			
1	5,646,424	07/08/1997	Zhang et al.			

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11/		US-200	2/0093	019 A1	07	-18-2002		Hirabayash	i et al.			
100		US-200			_	-27-2003		Hashimoto				
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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at <u>www.uspto.gov</u> or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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			U.S. PATENT DOC	UMENTS	
Examiner Initials	Cite No. ¹	U.S. Patent Document Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
N		US-6,323,068	11-27-2001	Seo	
10		US-2001/0030722	10-18-2001	Murade	
M		US-2002/0080295	6-27-2002	Someya et al.	
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		OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS							
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NS	Byeon, Sag Gi et al. "High-Performance Tantalum Oxide Capacitors Fabricated by a Novel Reoxidation Scheme" IEEE Transactions On Electron Devices, Vol. 37, No. 4, April 90								

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Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at 222.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ³ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Form PTO-1449 **U.S.Department of Commerce** Atty Docket 0756-2297 Serial No. 09/837,558 (Rev. 8-83) Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT Applicants: Shunpei YAMAZAKI et al. Filing Date: April 19, 2001 Group Art Unit: 2811 **FOREIGN PATENT DOCUMENTS** <u>Translation</u> Yes N Examiner **Document Number** Date Country Class Subclass Initial Full Eng 12/24/1999 11-354802 JP Examiner **Date Considered** *EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this formwith next communication to applicant.

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